

SURFACE PROTECTION SYSTEM MAT

Abstract: A surface protection system consisting of three pieces, (1) cartridge-top, (2) absorbent core, and (3) base unit. The cartridge-top, made of semi-flexible material with a waffle grid design of drainage holes, traps and directs liquid spills into the absorbent core. The core is a thin layer of material attached to the entire underside of the cartridge-top, forming one unit. The core material, consisting of cotton-fluff and a super-absorbent polymer or fiber, holds and wicks the liquid away from the surface, turning it into a jell. The cartridge-top is snapped onto the top of the base unit covering it completely. It is disposed via routine trash collection during maintenance (usually weekly) and replaced by a fresh one. The base unit is also made of semi-flexible material and is extremely durable. It is placed on the floor under a urinal and secured to the floor to prevent its accidental displacement.

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